Fig.1

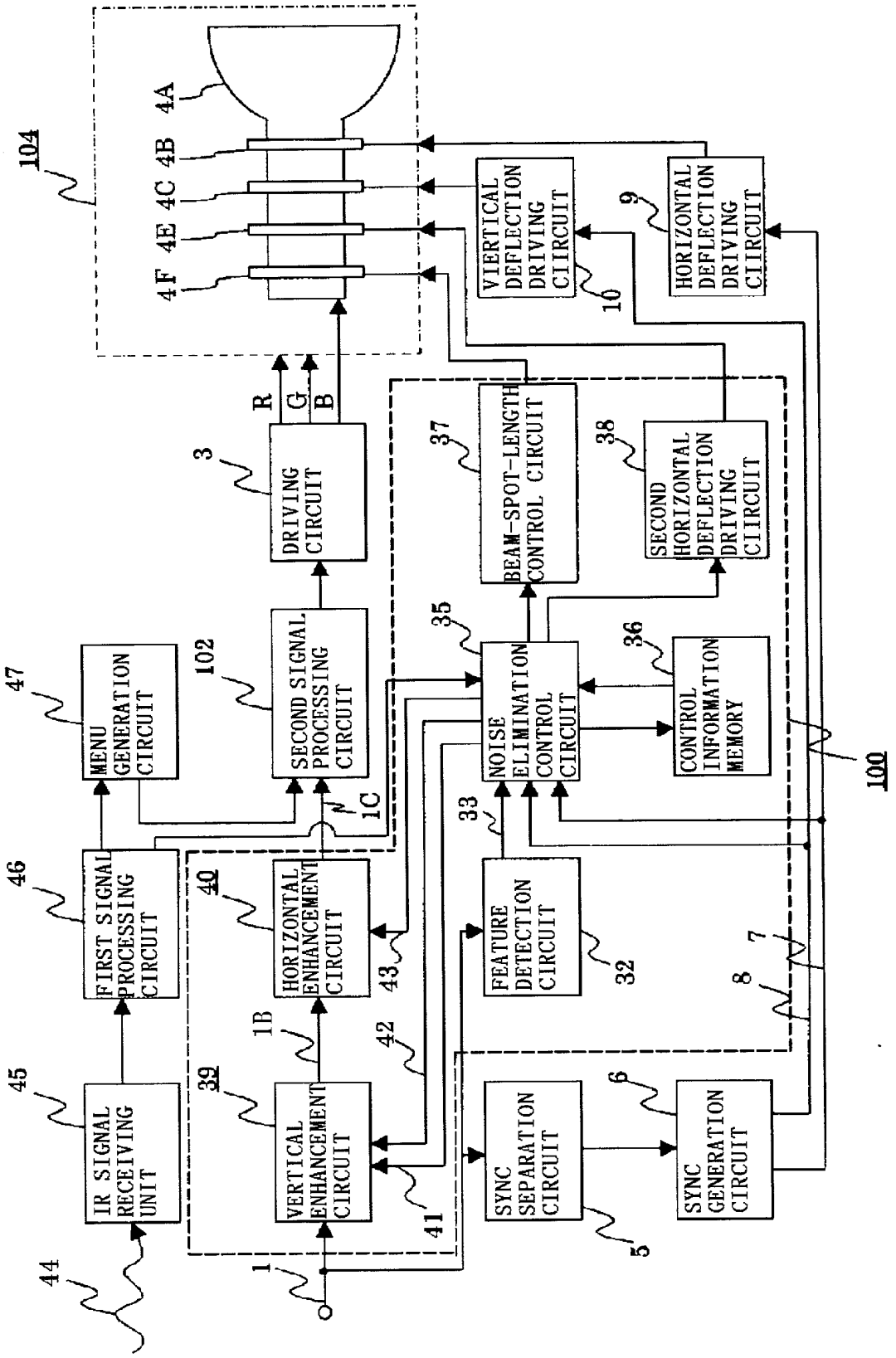
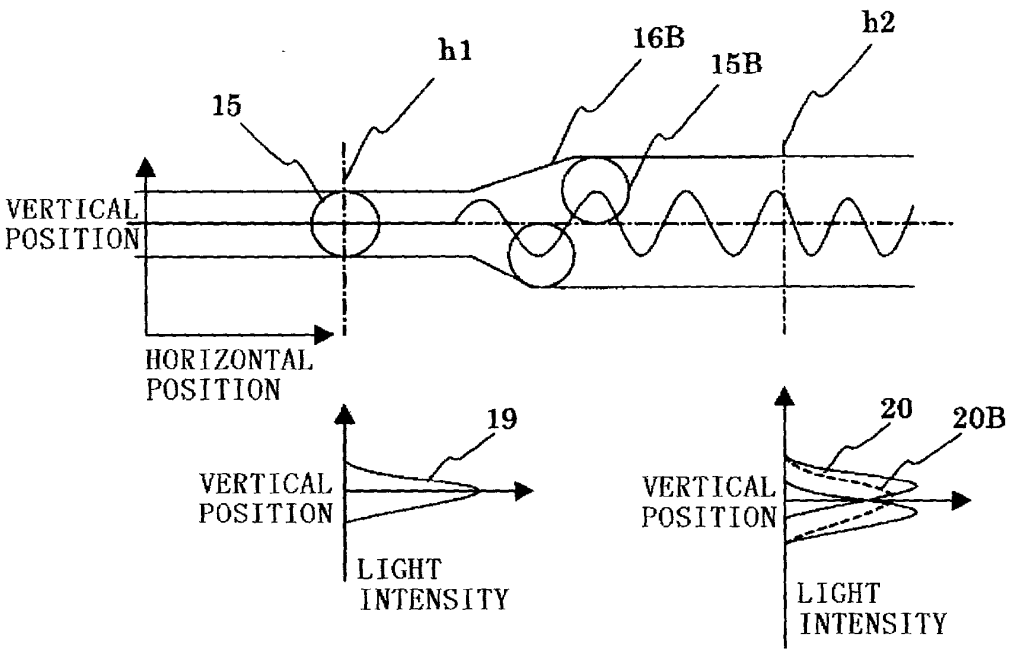
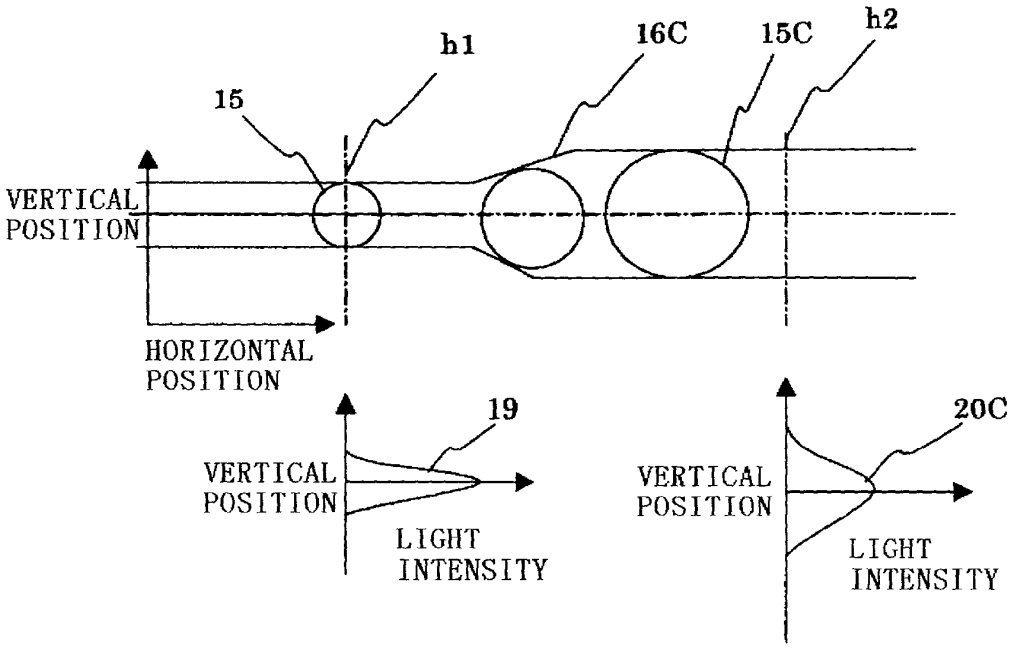

104
4A
4B
4C
4E
4F
VIERTICAL DEFLECTION DRIVING CIRCUIT
10
HORIZONTAL DEFLECTION DRIVING CIRCUIT
9
R
G
B
3
DRIVING CIRCUIT
37
BEAM-SPOT-LENGTH CONTROL CIRCUIT
38
SECOND HORIZONTAL DEFLECTION DRIVING CIRCUIT
47
MENU GENERATION CIRCUIT
102
SECOND SIGNAL PROCESSING CIRCUIT
35
NOISE ELIMINATION CONTROL CIRCUIT
36
CONTROL INFORMATION MEMORY
100
1C
33
46
FIRST SIGNAL PROCESSING CIRCUIT
40
HORIZONTAL ENHANCEMENT CIRCUIT
43
FEATURE DETECTION CIRCUIT
32
7
8
1B
42
45
IR SIGNAL RECEIVING UNIT
39
VERTICAL ENHANCEMENT CIRCUIT
41
SYNC SEPARATION CIRCUIT
6
SYNC GENERATION CIRCUIT
5
44
1

Fig.2



(A) WOBBLING



(B) ELECTRIC FOCUS

JP05270756A0680

Fig.3

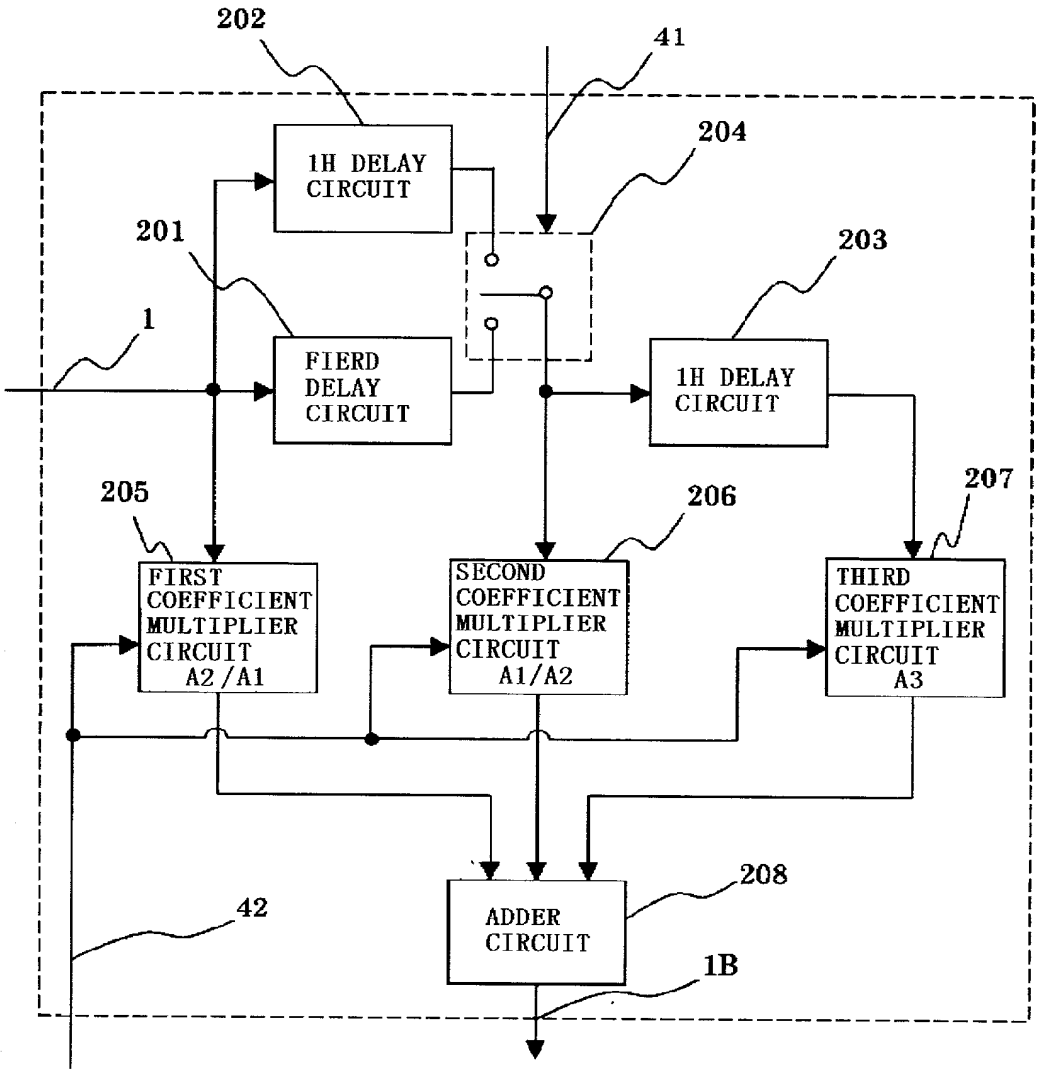

202
41
1H DELAY CIRCUIT
204
201
203
1
FIERD DELAY CIRCUIT
1H DELAY CIRCUIT
205
206
207
FIRST COEFFICIENT MULTIPLIER CIRCUIT A2/A1
SECOND COEFFICIENT MULTIPLIER CIRCUIT A1/A2
THIRD COEFFICIENT MULTIPLIER CIRCUIT A3
208
42
ADDER CIRCUIT
1B

Fig.4

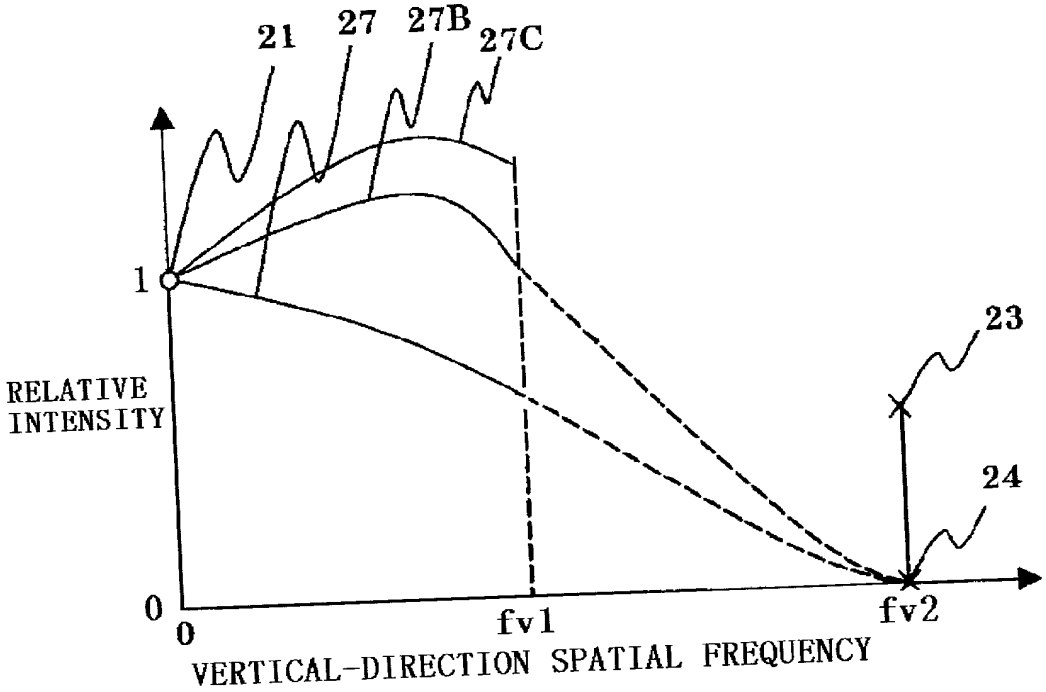

21
27
27B
27C
1
RELATIVE
INTENSITY
23
24
0
0
fv1
fv2
VERTICAL-DIRECTION SPATIAL FREQUENCY

Fig.5

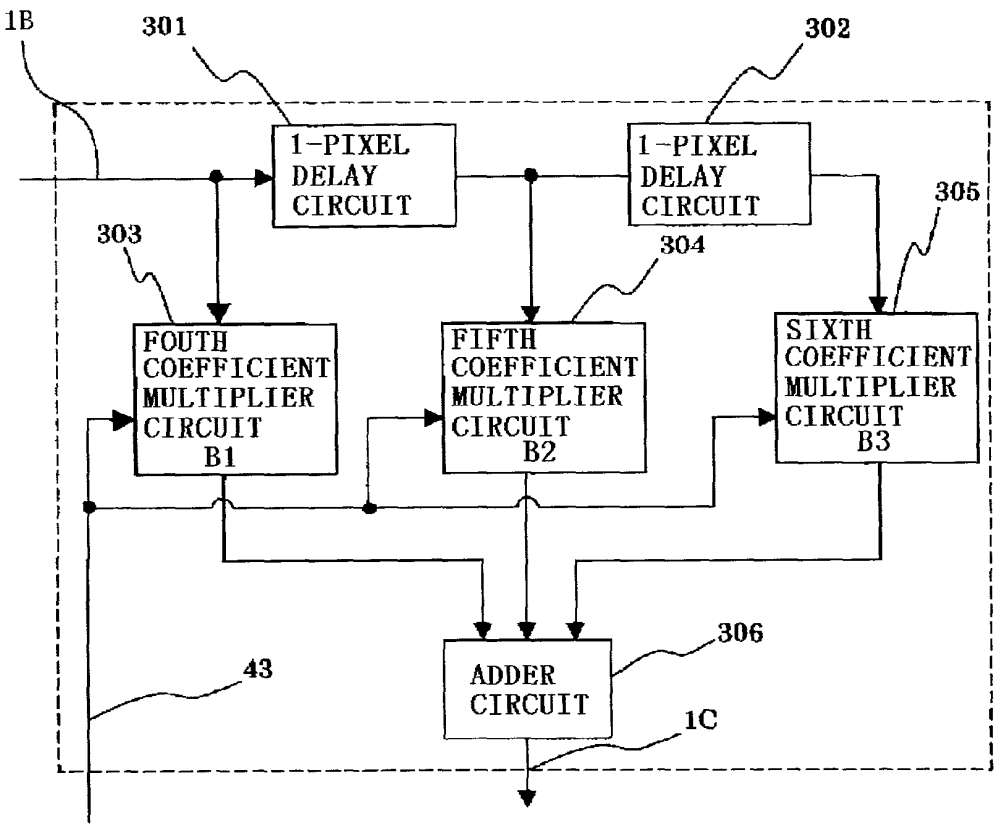
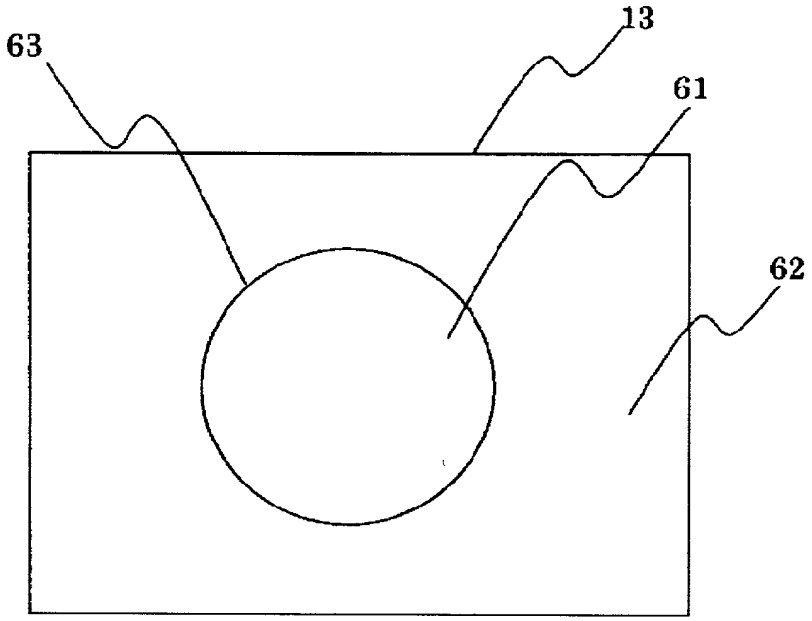
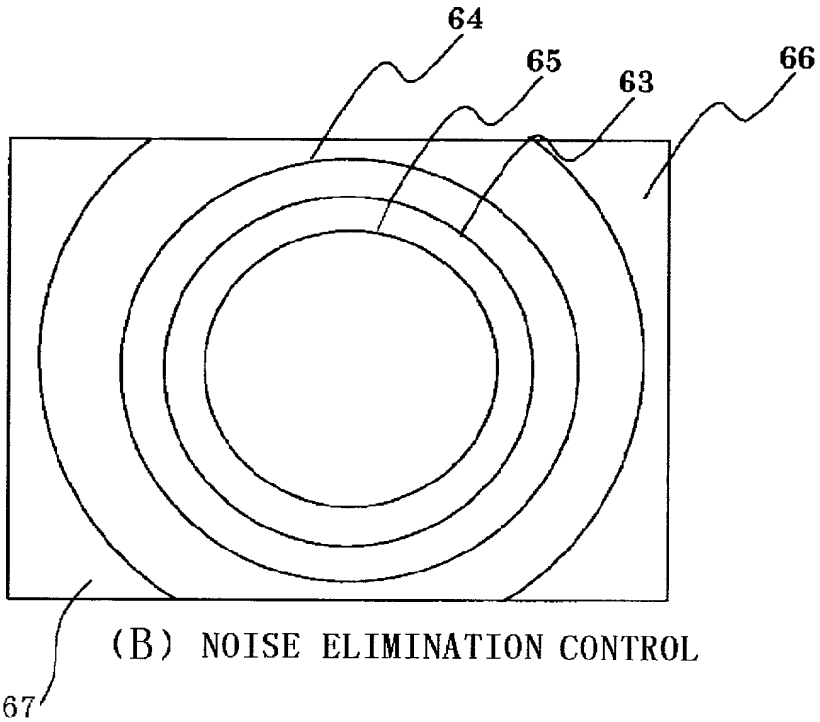

1B
301
302
1-PIXEL DELAY CIRCUIT
1-PIXEL DELAY CIRCUIT
305
303
304
FOUTH COEFFICIENT MULTIPLIER CIRCUIT B1
FIFTH COEFFICIENT MULTIPLIER CIRCUIT B2
SIXTH COEFFICIENT MULTIPLIER CIRCUIT B3
306
43
ADDER CIRCUIT
1C

Fig.6



(A)DISPLAYED IMAGE



(B) NOISE ELIMINATION CONTROL

TOS320" TS6606660

TV-VIEWING DISTANCE	CLOSER THAN ADEQUATE VIEWING DISTANCE				AROUND ADEQUATE VIEWING DISTANCE				FARTHER THAN ADEQUATE VIEWING DISTANCE			
POSITION OF IMAGE ON THE SCREEN	CENTER		PERIPHERY		CENTER		PERIPHERY		CENTER		PERIPHERY	
FEATURE TYPE OF IMAGE	PLANE	EDGE	PLANE	EDGE	PLANE	EDGE	PLANE	EDGE	PLANE	EDGE	PLANE	EDGE
VERTICAL ENHANCEMENT CIRCUIT	MEDIUM	N/A	STRONG	N/A	WEAK	WEAK	MEDIUM	MEDIUM	MEDIUM	MEDIUM	STRONG	STRONG
HORIZONTAL ENHANCEMENT CIRCUIT	MEDIUM	N/A	STRONG	N/A	WEAK	N/A	MEDIUM	WEAK	MEDIUM	WEAK	STRONG	MEDIUM
VERTICAL WOBBLING	MEDIUM	N/A	WEAK	N/A	WEAK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HORIZONTAL WOBBLING	MEDIUM	N/A	WEAK	N/A	WEAK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VM ENHANCEMENT	N/A	WEAK	N/A	MEDIUM	N/A	MEDIUM	N/A	STRONG	N/A	MEDIUM	N/A	STRONG

Fig.7

Fig.8

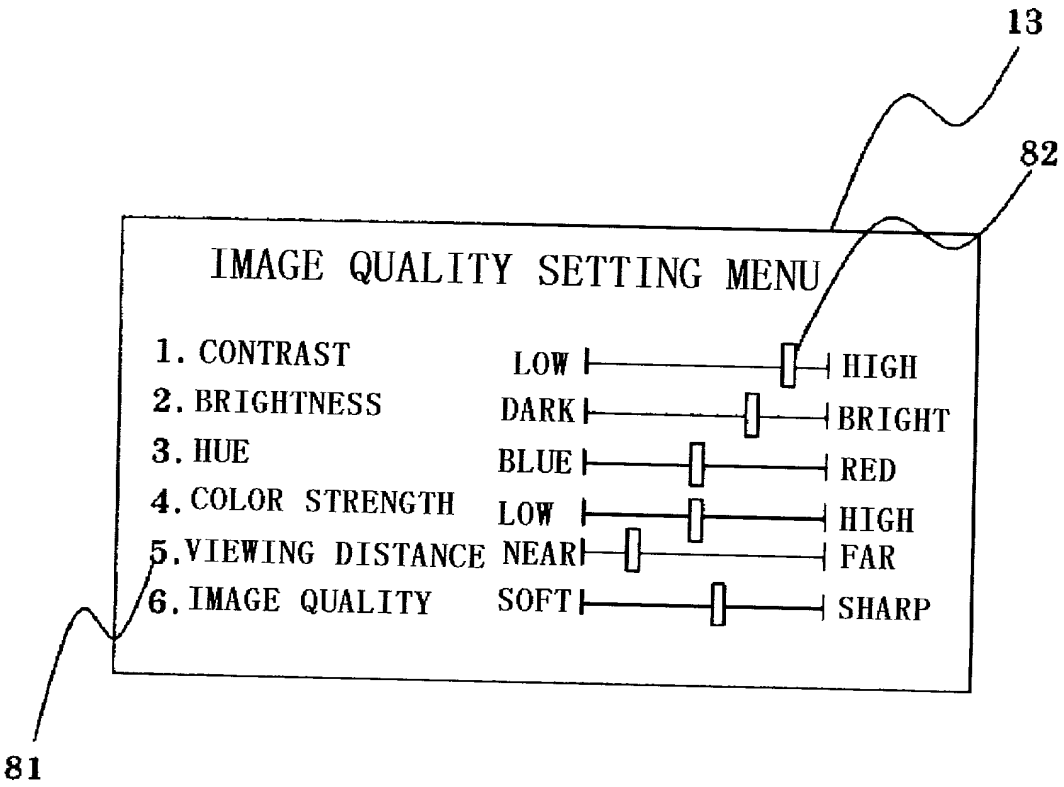

13
82
IMAGE QUALITY SETTING MENU
1. CONTRAST
LOW
HIGH
2. BRIGHTNESS
DARK
BRIGHT
3. HUE
BLUE
RED
4. COLOR STRENGTH
LOW
HIGH
5. VIEWING DISTANCE
NEAR
FAR
6. IMAGE QUALITY
SOFT
SHARP
81

Fig.9

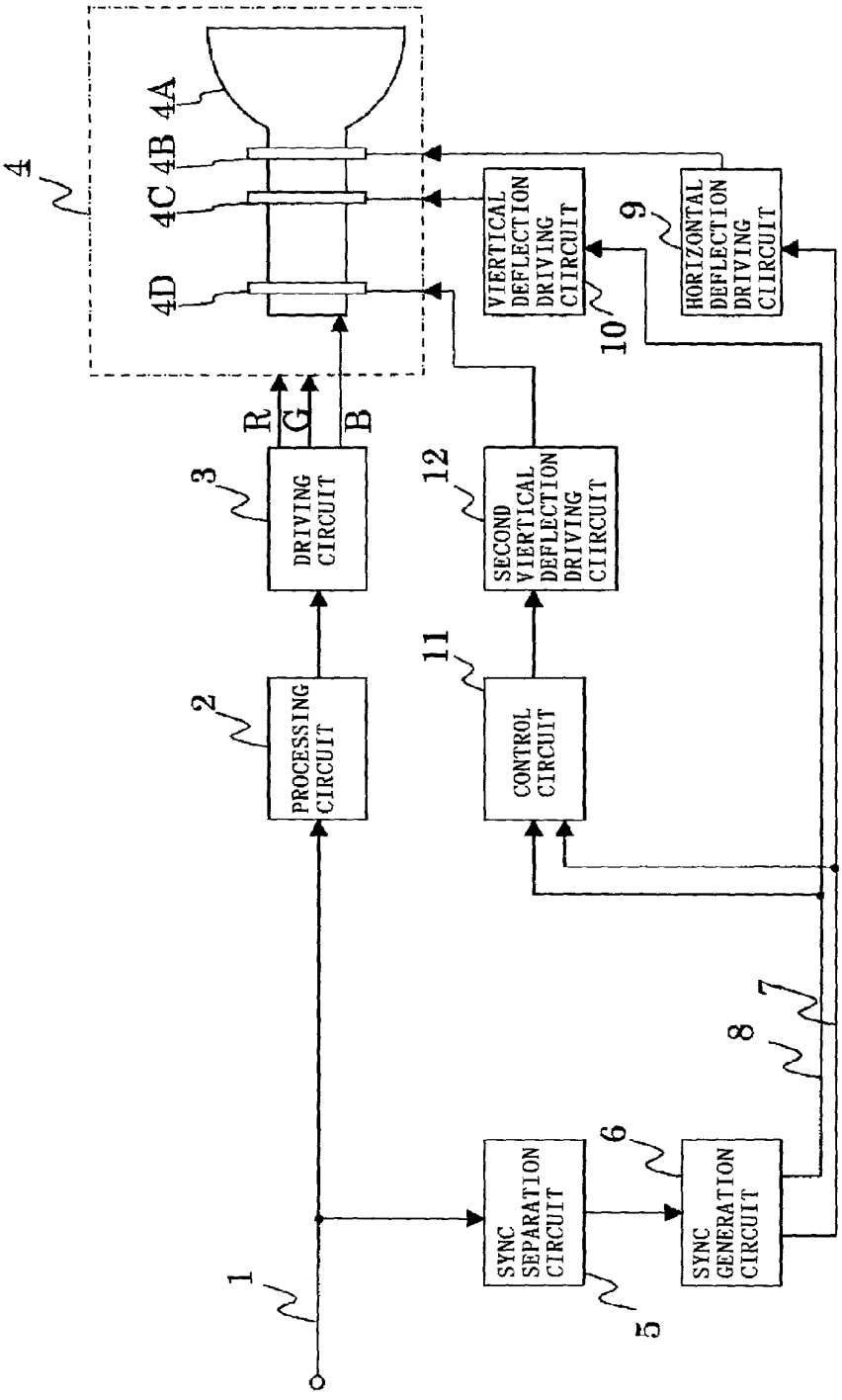
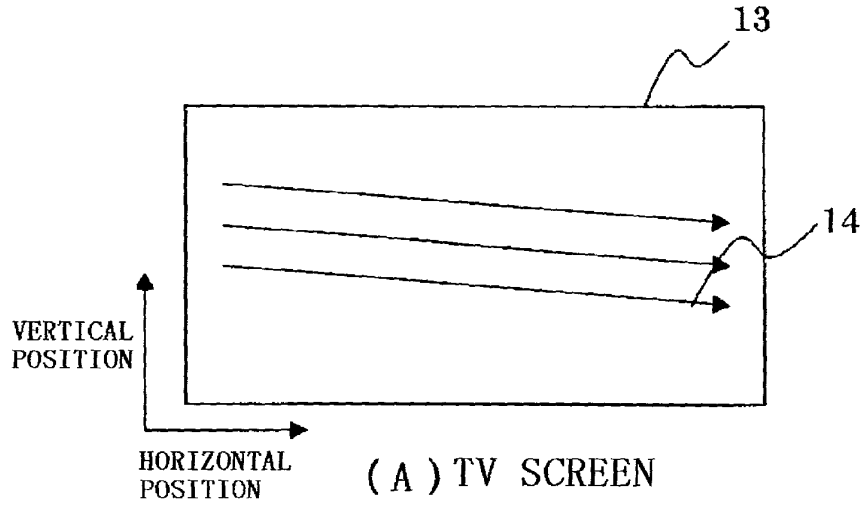
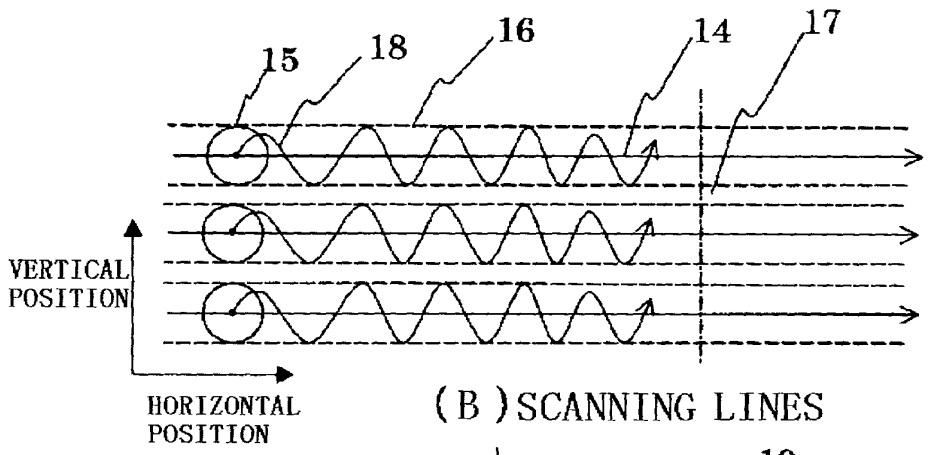

4
4A
4B
4C
4D
R
G
B
3
DRIVING CIRCUIT
2
PROCESSING CIRCUIT
1
12
SECOND VIERTICAL DEFLECTION DRIVING CIRCUIT
11
CONTROL CIRCUIT
VIERTICAL DEFLECTION DRIVING CIRCUIT
10
9
HORIZONTAL DEFLECTION DRIVING CIRCUIT
SYNC SEPARATION CIRCUIT
5
6
SYNC GENERATION CIRCUIT
8
7

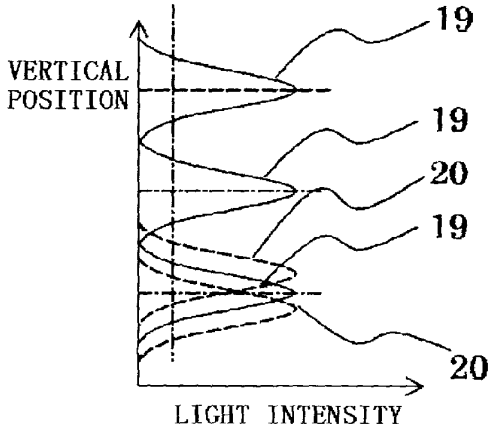
Fig.10



(A) TV SCREEN



(B) SCANNING LINES



(C) LUMINANCE DISTRIBUTION

Fig.11

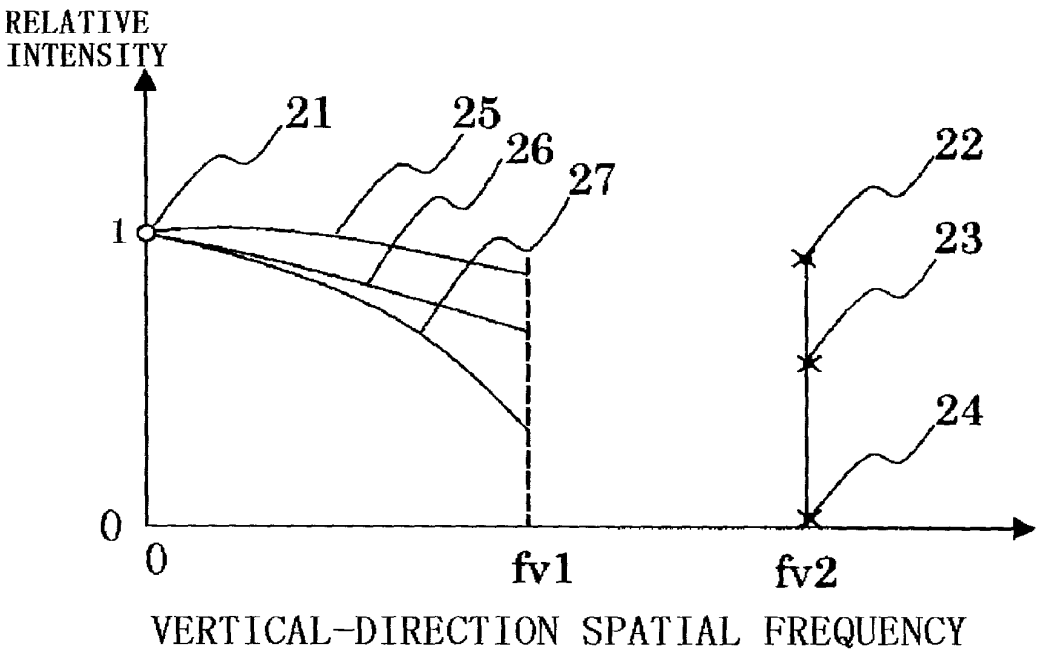
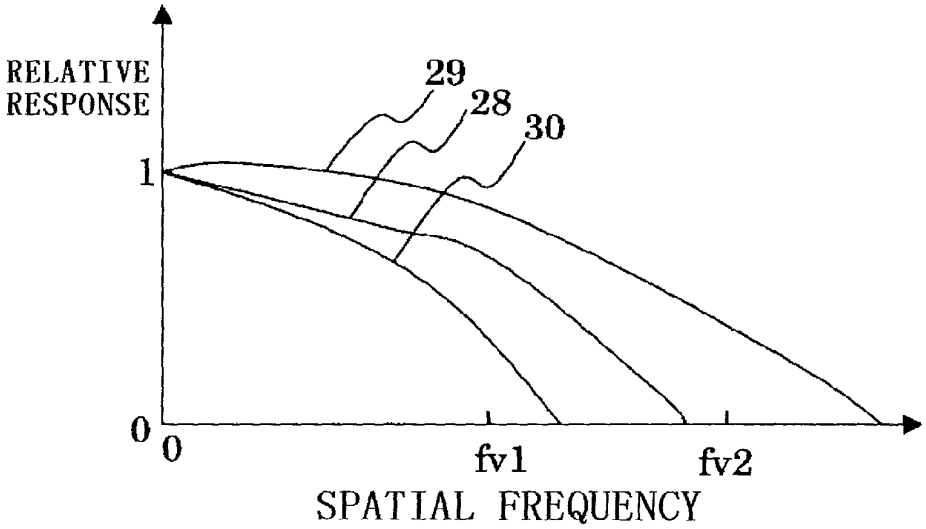

RELATIVE
INTENSITY
21
25
26
27
22
23
24
1
0
0
fv1
fv2
VERTICAL-DIRECTION SPATIAL FREQUENCY

Fig.12


RELATIVE
RESPONSE
29
28
30
1
0
0
fv1
fv2
SPATIAL FREQUENCY